**PATENT** 



## UNITED STATES PATENT AND TRADEMARK OFFICE

## In re Application of:

Corisis et. al.

Serial No.: Not yet assigned

Filed: August 4, 2003

For: INTERGRATED CIRCUIT

PACKAGE ELECTRICAL

ENHANCEMENT WITH IMPROVED

LEAD FRAME DESIGN

Examiner: Unknown

Group Art Unit: Unknown

Attorney Docket No.: 2269-2884.6US

(96-0291.06/US)

OTICE OF	EXPRESS	MAILING
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Express Mail Mailing Label Number: EV325770039US

Date of Deposit with USPS: August 4, 2003

Person making Deposit: Matthew Wooton

# INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

The present application is a continuation of application Serial No. 10/218,335, filed August 13, 2002, pending, which is a continuation of application Serial No. 09/943,845, filed August 30, 2001, now U.S. Patent 6,445,067, issued September 3, 2002, which is a continuation of application Serial No. 09/539,092, filed March 30, 2000, now U.S. Patent 6,329,710 B1, issued December 11, 2001, which is a continuation of Serial No. 09/294,185, filed April 19, 1999, now U.S. Patent 6,087,720, issued July 11, 2000, which is a continuation of application Serial No. 09/047,726, filed March 25, 1998, now U.S. Patent 5,907,184, issued May 25, 1999, which is a continuation of application Serial No. 08/713,798, filed September 13, 1996, now U.S. Patent 5,763,945, issued June 9, 1998.

# Atty. Docket No. 2884.6US (96-0291.06/US)

Pursuant to M.P.E.P. 2001.06(b), the Examiner is respectfully requested to consider the information of record in the prior applications, and to confirm in the first Office Action on the merits that such art has in fact been reviewed. A PTO-1449 or PTO/SB/08 form listing all of the information of record in the prior applications is enclosed herewith.

This Information Disclosure Statement is filed within three (3) months of the filing date of the above-identified application, and no certification pursuant to 37 C.F.R. § 1.97(c) or a fee pursuant to 37 C.F.R. 1.17(p) is required.

Respectfully submitted,

James R. Duzan

Registration No. 28,393

Attorney for Applicants

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Date: August 4, 2003

JRD/sls:djp

Enclosures: Form PTO-1449 or PTO/SB/08

Document in ProLaw

Form PTO-1449 INFORMATION DISCLOSURE CHAPTER IN AN APPLICATION

Docket Number (Optional) **Application Number** 2884.6US (96-0291.06/US) Not yet assigned

Corisis et al. Applicant

#### (Use several sheets if necessary) Filing Date August 4, 2003 Group Art Unit Unknown **U.S. PATENT DOCUMENTS** FILING DATE EXAMINER SUBCLASS CLASS NAME DOCUMENT NUMBER DATE IF APPROPRIATE INITIAL Cha 5,363,279 11/1994 04/1995 Beng et al. 5,406,028 06/1995 Sohn et al. 5,428,247 5,432,380 07/1995 Jin et al. Oh et al. 5,455,454 10/1995 Chan et al. 5,461,255 10/1995 5,466,888 11/1995 Beng et al. 5,497,032 03/1996 Tsuji et al. 5,535,509 07/1996 Tomita et al. Kitano et al. 5,539,250 07/1996 5,539,251 07/1996 Iverson et al. FOREIGN PATENT DOCUMENTS Translation DOCUMENT NUMBER DATE COUNTRY CLASS SUBCLASS OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

**EXAMINER** 

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conforman not considered. Include copy of this form with next communication to the applicant.

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket Number (Optional) 2884.6US (96-0291.06/US) **Application Number** Not yet assigned

Applicant

Corisis et al.

(Use several sheets if necessary)		Filing Date August	Filing Date August 4, 2003		Group Art Unit <b>Unknown</b>		
		U.S. I	PATENT DOCUMENTS				
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING (	DATE OPRIATE
	5,563,443	10/1996	Beng et al.				
	5,585,600	12/1996	Froebel et al.				
	5,648,681	07/1997	Takashima et al.				
·	5,763,945	06/1998	Corisis et al.				
	5,907,184	05/1999	Corisis et al.				
	6,087,720	07/2000	Corisis et al.				
	6,329,710	12/2001	Corisis et al.				
	6,445,067	09/2002	Corisis et al.				
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		FOREIG	N PATENT DOCUMENTS	S .			
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conforman

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not considered. Include copy of this form with next communication to the applicant.



# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

# In re Application of:

Corisis et al.

Serial No.: 10/633,851

Filed: August 4, 2003

For: INTERGRATED CIRCUIT

PACKAGE ELECTRICAL

ENHANCEMENT WITH IMPROVED

LEAD FRAME DESIGN

Confirmation No.: 5688

Examiner: T. Magee

Group Art Unit: 2811

Attorney Docket No.: 2269-2884.6US

(96-0291.06/US)

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Date of Deposit with USPS: December 8, 2004

Person making Deposit: Steve Wong

#### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

In compliance with the duty to disclose information material to patentability pursuant to 37 C.F.R. § 1.56, it is respectfully requested that this Supplemental Information Disclosure Statement be entered and the document listed on attached Form PTO-1449 or PTO/SB/08 be considered by the Examiner and made of record. Copies of U.S. patents and U.S. patent publications are <u>not</u> being submitted pursuant to M.P.E.P. 609 III A(2). Copies of foreign patent documents and non-patent literature are enclosed pursuant to 37 C.F.R. § 1.98(a)(2).

In accordance with 37 C.F.R. § 1.97(g) and (h), filing of this Supplemental Information Disclosure Statement is not to be construed as a representation that a search has been made or an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b). Further, no representation is made by Applicants herein that no other possible material information as defined in 37 C.F.R. § 1.56 (b) exists.

# U.S. Patent Documents

U.S. Patent No.	Publication Date	<u>Patentee</u>
US - 4,740,868	04/26/1988	Hawkins

Applicants offer to supply any explanation or discussion of the document which the Examiner feels is necessary or desirable and which is requested.

This Supplemental Information Disclosure Statement is filed concurrently with an RCE in the above-identified application, and therefore no additional fee is due.

Respectfully submitted,

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Date: December 8, 2004

JRD/dlm:dlh

Enclosures: Form PTO-1449 or PTO/SB/08

Document in ProLaw

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSU	RE
STATEMENT BY APPLICAL	T

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Complete if Known		
Application Number	10/633,851	
Filing Date	August 4, 2003	
First Named Inventor	Corisis et al.	
Group Art Unit	2811	
Examiner Name	T. Magee	
Attorney Docket Number	2269-2884.6US (96-0291.06/US)	フ

U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	- Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-4,740,868	04/26/1988	Hawkins	*
		US-			
		US-			-
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner	Cite	Foreign Patent Document		Name of Patentee or	Pages, Columns, Lines,	
Initials*	No.1	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Т6
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Examiner Signature	Date Considered	

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<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.